

YASH SHARMA

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SUMMARY

Backend and systems engineer building high-performance distributed systems, AI developer tools, and production web platforms. Founder of Refactyl; led an 8-person engineering team. 4 years across Node.js, TypeScript, Redis, WebSockets, and AWS, focused on scalable architecture, caching, and performance optimization.

TECHNICAL SKILLS

Languages: JavaScript (ES6+), TypeScript, Python, Java, SQL

Backend: Node.js, Express, Fastify, REST APIs, GraphQL, WebSockets, Microservices, Event-Driven Architecture

Databases & Caching: PostgreSQL, MongoDB, MySQL, Redis, Prisma

Frontend: React.js, Next.js, Tailwind CSS, HTML5, CSS3

Cloud & DevOps: AWS (EC2, S3, RDS, Lambda), Docker, Vercel, CI/CD (GitHub Actions), Jest, JWT Auth, System Design

EXPERIENCE

Refactyl - Founder & Software Engineer

Dec 2025 - Present

- Founded Refactyl, a developer tool that automatically migrates and refactors production codebases to modern frameworks with clean, reviewable diffs.
- Engineered a deterministic migration engine (Express to Fastify) benchmarked at 3.1x throughput (12k to 38.9k req/s), compiler-gated (tsc, @vue/compiler-sfc) so files ship only if the real compiler accepts them.

Stack: Node.js, TypeScript, Docker, PostgreSQL, Redis, AWS

Mighty Champions - Lead Web Engineer

Jan 2026 - Present

- Own all engineering for a preventive mental-health education nonprofit; shipped 15+ production websites across six audience programs (college, teens, women, men, 55+, physicians).
- Engineered the end-to-end admissions platform: marketing site, application flow, enrollment portal, and an authenticated internal dashboard.

Stack: Next.js, React, TypeScript, Tailwind CSS, Vercel

Voxa - Fractional Tech Lead

Mar 2026 - Jun 2026

- Led engineering for an AI-powered multilingual speaking and storytelling coach, owning architecture and technical direction while managing a team of 8 engineering interns.
- Shipped core product features and the AI voice-feedback pipeline; introduced code review, CI/CD, and a repeatable release process.

Self-Employed - Independent Software Engineer

Mar 2021 - Dec 2025

- Architected backend systems for 10k+ concurrent users at sub-100ms real-time latency and event engines processing 2M+ events/day with strong consistency guarantees; cut API response times 40-60% with Redis caching and async pipelines.

PROJECTS

LUTBuilder.ai - AI-Powered LUT Generation Platform

Nov 2024 - Present

- Built a full-stack AI platform for filmmakers with real-time LUT previews, creator dashboard, Stripe subscription billing, and FFmpeg + AWS Lambda color-processing pipelines.

Stack: Next.js, TypeScript, Node.js, FFmpeg, AWS Lambda, Stripe, Vercel

StillCollab - Creative Workflow & Client Approval Platform

Jan 2025 - Mar 2025

- Client platform for photographers and creative teams: image portfolio hosting, client proofing and sign-off, and social content approval.

EDUCATION

B.Tech, Artificial Intelligence - Ajeenkya D Y Patil University, Pune

Aug 2025 - May 2029

CERTIFICATIONS

AWS Cloud Practitioner & Technical Essentials • DevOps on AWS • Postman API Fundamentals (Student Expert)